

*Williams®*

# BUBBLES



- lively cartoon animation
- simplicity of control
- novel theme
- complete game adjustments
- full bookkeeping and diagnostic tests





## clean up



For operators who really want to clean up, I'm proud to present BUBBLES, the game with everything including the kitchen sink! As hero of the game, it's my job to keep the sink spotless by cleaning up crumbs, ants and greasies. Sometimes I live a little dangerously and clean up right next to the drain. I get double the score this way but run the risk of being sucked in. The more I clean, the bigger I get until my personality shines through in my devilish eyes and happy grin. At the same time, prowling sponges and brushes are also trying to clean up the sink and deprive me of my nourishment. They know if I don't get big enough, I'll get sucked down the drain and also that they can bust me if I don't stay out of their bullying way. Once I grow large enough so that you can see my face, I can push them out of my way and only shrink a little when I do. The deadly sharp razor blades can always bust me no matter how big or small I am and so I must avoid them at all times. Sometimes a cleaning lady will come out of the drain and try to clean up the sink with her broom. By knocking her off, I get bonus points for her as well as for any food she might have already picked up. Grabbing her broom is my only defense against the most formidable scourge of the sink, the invading roach. Fortunately for me, the drain will flash red to warn me of his impending emergence so I can get ready with a welcome that will sweep him off his feet!

## down the drain

When all the crumbs, ants and greasies are cleaned up, the wave ends with a spectacular whirlpool that floods the sink. If I'm not larger than the drain, I'll be washed away and drown! If I am larger, the drain will flash green and I can dive ahead to the next sink. But I don't have to wait for the whirlpool. Anytime during play that I grow large and confident enough, I can choose to dive down the drain and advance two sinks.

## "sink" or swim

Just when I think I've got it licked, I find myself afloat in new seas of disaster. There's a razor blade and greasy wave where the sink is filled with lots of these two characters. I have to be extra careful because if I slip over a greasy, I could slide out of control into the razor blades! Then there's the wave with just cleaning ladies and roaches where I must grab the brooms and give the roaches the brush off to survive in BUBBLES, it's one "sink" or swim situation after another!

### GAME ADJUSTMENTS

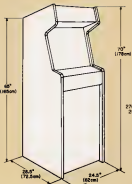
Gameplay Adjustments	Value
PLAY FOR 1 CREDIT ONLY	0
HIGH SCORE TO DATE ALLOWED	999
WINNING POSITION	0
SOFT BLAST BUBBLES	1
SOFT BLAST BUBBLES	1
SOFT BLAST BUBBLES	1
SOFT BLAST BUBBLES	1
BUBBLES REMOVED FOR CREDIT	0
BUBBLES REMOVED FOR BONUS CREDIT	0
PROXIMITY BUBBLES FOR NEW CREDIT	0
DIFFICULTY BY PLAY	0
LETTERING FOR EASIEST SCORE	0
BUSINESS FACTORY SETTINGS	00
CLEAN BUBBLES FOR TOTALS	00
HIGH SCORE TABLE RESET	00
DATA CYCLE	00
SET BUBBLES FROM BONUS	00
SET BUBBLES FROM BONUS	00

USE "PUSH" TO SELECT ADJUSTMENT  
USE "CREDIT" BUTTON TO CHANGE THE VALUE  
PRESS BUBBLES TO EXIT

## all this...plus Williams' incomparable game adjustment system

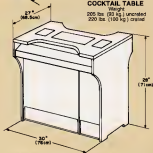
To keep BUBBLES a top-running game for all players and all locations, Williams provides the most sophisticated game adjustment system in the industry. It includes nine levels for difficulty of play to suit all players from beginners to experts. And BUBBLES, like other Williams games, allows personalization of the attract mode message for individual locations.

BUBBLES also provides detailed bookkeeping information to help operators optimize game adjustments for top earnings in all types of locations. Bookkeeping totals and game adjustments are backed up by a complete series of diagnostic tests to check entire electronic systems in a matter of minutes. And, of course, there are complete pricing settings for any price per play combination.



#### UPRIGHT

Weight:  
279 lbs. (122.5 kg.) uncrated  
290 lbs. (131.5 kg.) crated



#### COCKTAIL TABLE

Weight:  
205 lbs. (93 kg.) uncrated  
220 lbs. (100 kg.) crated

Mini-upright also available on special order.

This equipment has been certified to comply with the limits for a Class A computing device pursuant to Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against radio frequency interference when operated in a commercial environment.

#### POWER REQUIREMENTS

115/230VAC Nominal, 50/60Hz  
(@1.7/0.85A 192W  
(20A surge for one cycle  
at power turn on)  
Normal Line = 98-128VAC  
196-252VAC  
High Line\* = 113-145 VAC  
226-290VAC  
Low Line\* = 85-113VAC  
176-225VAC

\*Transformer jumpers required.  
See service manual.

#### ENVIRONMENT

Operating Temperature  
0° to +45°C ambient  
(+32° to +113°F)

Storage Temperature  
-40° to +55°C ambient  
(-40° to +149°F)  
90% RH at 40°C (104°F), non-condensing

#### MONITOR

18" Color Raster\*  
non-entangled  
UL, CSA & DHH& Approved  
\*13" monitor on mini-upright models

#### VIDEO SYSTEM\*\*

256 Colors, 340 x 240 PIXEL Resolution  
6809E Microprocessor  
ROM: 48K BYTES  
Video and Scratch RAM: 56K BYTES  
CMOS RAM: 1Kx4

#### SOUND SYSTEM\*\*

6808 Microprocessor  
ROM: 4K BYTES

#### JOYSTICK

8-way optical-digital

\*\*Patent pending

Specifications subject to change  
without notice.

#### SERVICE

For the back-up that keeps you out-front,  
call Williams toll-free at 800/521-1253  
in Illinois, call toll-free at 800/572-1324

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**Williams**  
**ELECTRONICS, INC.**  
3401 N. California Ave., Chicago, IL 60618  
(312) 267-2240, Telex 253095